

BOAT:	<u>HAMPTON (SSN-767)</u>	ITEM NO:	<u>312-11-001</u>
COAR:	<u>26-021</u>	PCN:	<u>EA01-Q364</u>
		CMP:	<u>NONE</u>
		PLANNER:	<u>DYER</u>

1. SCOPE:

1.1 Title: EDG Fuel Control Linkage; repair

1.2 Location of Work:

1.2.1 Auxiliary Machinery Room

1.3 Identification:

1.3.1 Quantity (One) Ea. Emergency Diesel Generator, 38ND8 1-8 1207  
HP; Mfr: Fairbanks-Morse, APL# 665360250

2. REFERENCES:

2.1 Standard Items

2.2 S9312-AH-MMA-010, Emergency Diesel Generator Set, SUB 38ND8 1/8 VOL 1  
Operation and Maintenance

2.3 S9312-AH-MMA-020, Emergency Diesel Generator Set, SUB 38ND8 1/8 VOL 2  
Troubleshooting, Corrective Maintenance, Parts Breakdown and  
Installation

2.4 SERVICE INFORMATION LETTER, Volume A Issue 22 REV 2 8-1/8 O.P. Fuel  
Control Linkage

3. REQUIREMENTS:

3.1 Accomplish the requirements of 009-90 of 2.1 for each equipment listed  
in 1.3.1.

3.2 Conduct general linkage inspection of each equipment listed in 1.3.1 in  
accordance with REF 2.4 Steps 1 thru 1.12.

3.2.1 If the racks are reading Zero, proceed with step 4 of REF 2.4  
(Para 3.5 of Work Item), Adjustment of the Shutdown Mechanism. If the racks are  
NOT reading Zero, proceed with step 2 of REF 2.4 (PARA 3.3 of Work Item),  
Adjustment of the Fuel Racks.

3.3 Accomplish adjustment of the fuel racks of each equipment listed in

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1.3.1 in accordance with REF 2.4 Steps 2 thru 2.6.

3.3.1 Recheck the zero and the full fuel rack positions. Reconnect the governor link rod to the governor link mechanism and proceed to the shutdown lever adjustment (PARA 3.5 of Work Item)

3.3.2 If the governor link rod will no longer align with the governor link lever when the racks are at Zero and the governor terminal shaft indicated above zero but less than 1/8th fuel position than proceed with Adjustment of the Governor Linkage (PARA 3.4 of work Item)

3.4 Accomplish adjustment of the governor linkage of each equipment listed in 1.3.1 in accordance with REF 2.4 Steps 3 thru 3.2.

3.5 Accomplish adjustment of the shutdown mechanism of each equipment listed in 1.3.1 in accordance with REF 2.4 Steps 4 thru 4.4.

3.6 Submit one legible copy, in hard copy or electronic media, of a report listing the results of the requirements of 3.2 thru 3.5 to the SUPERVISOR.

(I)(G) "TEST"

3.7 Accomplish operational test of each equipment listed in 1.3.1 in accordance with 2.2.

3.7.1 Submit one legible copy, in hard copy or electronic media, of a report listing the results of the requirements of 3.7 to the SUPERVISOR.

#### 4. NOTES:

4.1 OEM to provide 2 personnel, 10 hours/day, 7 days a week, 14 Days excluding Holidays.

4.2 Interferences to be removed by Lead Maintenance Activity (LMA) and or Ships Force.

Interferences are identified as follows:

- 1] Exhaust System Wrinkle Bellies Piping
- 2] Jacket Water Piping
- 3] Air Start Piping
- 4] Gage Lines
- 5] Bracing and Brackets about the Forward Part of Engine

#### 5. GOVERNMENT FURNISHED MATERIAL (GFM):

##### 5.1 LLTM:

- 1. None.

##### 5.2 PUSH MATERIAL:

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1. None.

5.3 KITTED MATERIAL:

1. None.